

AMENDMENTS TO CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A system for remotely monitoring a machine having a status indicator light, comprising:

a sensor unit including at least one photosensor arranged to detect a color of light emitted by the indicator light and a remote communications interface[[,]]~~said sensor unit being arranged to detect at least one of the following parameters: color, brightness, flashing pattern, and illumination pattern;~~

a receiver remotely situated relative to said sensor unit and arranged to receive signals generated by said sensor in response to detection of the color of light emitted by said indicator light; and

a computing device arranged to interpret said signals in order to indicate a status of said machine.

2. (Original) A system as claimed in claim 1, wherein said remote communications interface includes a wireless transmitter, and said receiver is a wireless receiver.

3. (Original) A system as claimed in claim 1, wherein said receiver is arranged to receive signals from a plurality of said sensor units, each identifiable by a unique identifier.

4. (Original) A system as claimed in claim 3, wherein said receiver is connected to a network server.

5. (Original) A system as claimed in claim 4, wherein said server is connected to a local area network.

6. (Original) A system as claimed in claim 4, wherein said server is connected to the Internet.

7. (Original) A system as claimed in claim 1, wherein said sensor unit includes multiple photosensors for monitoring multiple machine status indicator lights.

8-21. (Canceled)

22. (Currently Amended) Monitoring software for remotely monitoring a status of a machine comprising:

means for receiving data indicative of the status of at least one indicator light on at least one said machine;

means for retrieving definitions from a database and comparing the received data with the definitions; and

means for displaying a result of said comparison; and
means for calculating a run time based on said data and comparing said run time with labor records.

23. (Original) Monitoring software as claimed in claim 22, further comprising means for storing results of said comparison and later displaying said stored results as historical data.

24. (Currently Amended) Monitoring software as claimed in claim 22, further comprising means for ~~calculating a run time based on said data and for~~ comparing said run time with a maintenance schedule in order to generate maintenance reminders.

25. (Canceled)

26. (Original) Monitoring software as claimed in claim 22, further comprising means for providing a warning to a user upon detection of an alert status of said indicator light.

27. (New) A system for remotely monitoring a machine having a status indicator light, comprising:

a sensor unit including at least one photosensor arranged to count or integrate flashes in order to detect a flashing pattern or to detect an output level, other than just the on/off state, of light emitted by the indicator light, and a remote communications interface;

a receiver remotely situated relative to said sensor unit and arranged to receive signals generated by said sensor in response to detection of the color of light emitted by said indicator light; and

a computing device arranged to interpret said signals in order to indicate a status of said machine.